

ABSTRACT OF THE DISCLOSURE

A tire pressure monitoring system for monitoring pressure of tires mounted on a vehicle by comparing a detected tire pressure, detected by a pressure sensor installed at each of the tires, with a predetermined value to determine whether the detected tire pressure is proper. The system includes a first temperature sensor that detects internal temperature of the tire, a second temperature sensor that detects ambient temperature at a place where the vehicle locates, and the predetermined value is corrected based on a difference between the detected tire internal temperature and ambient temperature, when the tire pressure is to be adjusted. With this, even if the tire pressure is adjusted when the tire internal temperature is higher than the ambient temperature, the tire pressure can be prevented from falling below the proper pressure when the internal temperature falls to the ambient temperature.